Index of Claims



Application/Control No.

10/520,836

Examiner

Ron Schwadron, Ph.D.

Applicant(s)/Patent under Reexamination

COSTA ET AL.

Art Unit

1644

| √ | Rejected |
|----------|----------|
| _ | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| L Ci | aim | Date | | | | | | | 7 | Claim Date | | | | | | | | | Claim | | | | | | | | |
|--|-------------|--------------|-------------------|--------------------|--|--------------|---------------|------------------|-----------------|--|---|--|----------|-------------|-----------|---------------|---------------|---------------|-----------|---|---------------|-----------|---|--|------------|-------------------|---------------|
| <u> </u> | 1 | + | $\overline{}$ | $\overline{}$ | $\overline{}$ | 벁 | [E | T | $\overline{}$ | _ | 4 | Uie | A)IM | \vdash | | | <u>_</u> _ | Jak | <u> </u> | | | \vdash | | Cit | Alm i | ├- | _ |
| Final | Original | 1/5/08 | | | | | | | | | | Final | Original | | | | | | | | | | | Final | Original | | |
| | 1 | 7 | | Ľ | I | I | I | 上 | | | 1 | | 51 | | | | | | | | | | | | 101 | | |
| | 2 | \prod | $oxed{L}$ | L | L | Ţ | I | \perp | L | |] | | 52 | | \Box | | | | | | | | | | 102 | | L |
| <u></u> | 3 | 4 | 丄 | 丄 | 丄 | L | 1 | 1_ | L | L |] | | 53 | Щ | Ш | ل | ' | \square | \square | \Box | | | | | 103 | \Box' | Ĺ |
| <u> </u> | 4 | # | \perp | 4 | \bot | ╄ | 丄 | 丄 | \bot | <u> </u> ' | 1 | | 54 | Щ | \Box | | <u> </u> | \Box | Ш | الـــــــــــــــــــــــــــــــــــــ | Ш | | | | 104 | \square | Ĺ |
| <u> </u> | 5 | # | | \vdash | + | + | ╀ | \bot | 丄 | <u> </u> - | 1 | | 55 | Щ | \square | | ∟' | Ш | Ш | \square | Ш | Ш | | \Box | 105 | Ш | Ĺ |
| <u> </u> | 7 | ₩ | \vdash | \vdash | + | + | + | + | ╀ | - | 1 | | 56 | | | Д | <u></u> ' | \sqcup | \sqcup | \square | \square | \square | İ | \square | 106 | \sqcup | <u>_</u> |
| - | 8 | + | ⊬ | + | + | + | + | + | \vdash | ₩ | { | <u> </u> | 57 58 | | | \rightarrow | — | \vdash | \vdash | \rightarrow | \vdash | \vdash | | - | 107 | \sqcup | \vdash |
| _ | 9 | ╫ | ⊢ | \vdash | + | + | +- | + | - | ╁╌ | ┨ | | 59 | | \dashv | | \vdash | \vdash | \vdash | \dashv | H | \vdash | ĺ | \vdash | 108 109 | \vdash | \vdash |
| | 10 | # | \vdash | + | +- | + | + | + | \vdash | ₩ | 1 | | 60 | \dashv | - | \rightarrow | | \vdash | \vdash | \rightarrow | \vdash | \vdash | ĺ | \vdash | 110 | \vdash | |
| | 11 | # | \vdash | | \vdash | + | + | + | \vdash | ╁╌ | 1 | | 61 | | \dashv | - | | \vdash | \vdash | \rightarrow | | \vdash | | \vdash | 111 | \longrightarrow | \vdash |
| | 12 | # | \vdash | + | + | + | + | + | \vdash | | 1 | | 62 | 7 | \dashv | - | | \vdash | \vdash | \dashv | \square | \sqcap | ĺ | \vdash | 112 | \vdash | _ |
| | 13 | # | \vdash | \vdash | \vdash | + | + | + | \vdash | H | 1 | | 63 | \dashv | \dashv | \dashv | \neg | \vdash | \dashv | | \Box | \sqcap | | \vdash | 113 | \vdash | $\overline{}$ |
| | 14 | #_ | T_ | | | 1 | + | + | \vdash | \vdash | 1 | | 64 | 一 | \neg | \neg | \neg | \Box | \sqcap | | \Box | \Box | | \vdash | 114 | \vdash | $\overline{}$ |
| | 15 | | | | | 1_ | † | †_ | | | 1 | <u> </u> | 65 | \neg | | \neg | \neg | | \sqcap | \neg | \Box | \Box | | $\vdash \vdash \vdash$ | 115 | \Box | $\overline{}$ |
| | 16 | | | | | | | | | | 1 | | 66 | \Box | \Box | \Box | \Box | | | \neg | | \Box | | \vdash | 116 | \Box | Γ |
| | 17 | | | | | | | | | | 1 | | 67 | \Box | \Box | J | | | J | | | | ļ | $\vdash \lnot$ | 117 | \Box | $\overline{}$ |
| | 18 | | ᄃ | | | L | L | | | | 1 | | 68 | | \Box | \exists | \Box | | | J | | | | $\vdash \exists$ | 118 | | |
| | 19 | | Ĺ | | L | \mathbb{L} | \mathbb{L} | | \Box | | | | 69 | | | | | | | | | | | | 119 | | |
| L | 20 | <u> </u> | | | | \perp | \perp | \Box | \Box | |] | | 70 | \Box | \Box | | | | | | | | | | 120 | | $\overline{}$ |
| | 21 | <u> </u> | <u> </u> | $oldsymbol{\perp}$ | \perp | 上 | \perp | L | \square' | Ш |] | | 71 | _ | \Box | \exists | | | | \Box | | | | | 121 | | Ī |
| <u> </u> | 22 | <u> </u> | <u></u> | ₩' | ↓_ | 丄 | 丄 | ↓_ | <u></u> —' | \square |] | | 72 | _ | | _ | لــَــ | \Box | \Box | \exists | \Box | \Box | | \Box | 122 | | _ |
| | 23 | ! | | ₩ | igspace | ┼ | \bot | | ₽' | \sqcup | 1 | $\perp \perp \mid$ | 73 | | 4 | 4 | | Щ | _ | _ | | \Box | | | 123 | ل | _ |
| <u> </u> | 24 | \mathbf{V} | <u>—</u> ' | —' | \vdash | ╀- | + | ₩' | \sqcup | \sqcup | | | 74 | \dashv | - | - | _ | \vdash | | | \dashv | \dashv | | \sqcup | 124 | <u></u> | _ |
| | 25 \ | | \vdash | | ├- | \vdash | + | | ሥ | \vdash | - | \vdash | 75 | \dashv | \dashv | \dashv | _ | \vdash | \dashv | \dashv | \dashv | \dashv | | \sqcup | 125 | | |
| — | 26 | \vdash | \vdash | ' | \vdash | \vdash | ₩ | | ₩ | \vdash | ļ | \vdash | 76 | -+ | \dashv | - | _ | \vdash | - | \dashv | \dashv | \dashv | | \sqcup | 126 | | |
| | 28 | ₩ | \vdash | ⊬ | ₩ | \vdash | \vdash | ₩ | \vdash | \vdash | ļ | \vdash | 77 | - | \dashv | \dashv | — | \vdash | - | \dashv | \rightarrow | \dashv | | - | 127 | . | |
| \vdash | 29 | \vdash | \vdash | ሥ | \vdash | \vdash | +- | ₩ | \vdash | $\vdash\vdash$ | ł | | 78 | - | -+ | + | - | \dashv | - | \rightarrow | \dashv | | | $\vdash \vdash$ | 128 | \rightarrow | |
| | 30 | \vdash | $\vdash \vdash$ | ₩ | ⊢ | + | + | ₩ | \vdash | \vdash | - | - | 79 | \dashv | \dashv | \dashv | \rightarrow | | \dashv | \dashv | \dashv | \dashv | | $\vdash \dashv$ | 129 | \rightarrow | |
| \vdash | 31 | \vdash | | ├─ | \vdash | + | + | ₩ | \vdash | \vdash | - | \vdash | 80 | + | + | + | \rightarrow | \dashv | - | + | -+ | \dashv | 1 | $\vdash \rightarrow$ | 130 | \rightarrow | |
| | 32 | \vdash | | \vdash | \vdash | + | + | ₩ | \vdash | \vdash | 1 | \vdash | 81 82 | + | - | + | \dashv | $\overline{}$ | \dashv | \dashv | \dashv | \dashv | | ┝╌┼ | 131 | \dashv | _ |
| 1 | 33 | \vdash | | \vdash | \vdash | + | \vdash | ╁ | \vdash | \vdash | | | 83 | 十 | + | + | \rightarrow | -+ | \dashv | \dashv | \dashv | \dashv | ļ | ┝╌┼ | 132 | \dashv | _ |
| | 34 | \vdash | | — ′ | \vdash | +- | \vdash | ₩ | $\vdash \vdash$ | \vdash | | | 84 | + | \dashv | + | \dashv | _ | + | \dashv | -+ | \dashv | ı | | 133 134 | - | _ |
| | 35 | \vdash | 7 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | $\vdash \vdash$ | | | 85 | + | + | + | -+ | \rightarrow | \dashv | -+ | + | \dashv | | $\vdash \rightarrow$ | 134 | \dashv | _ |
| | 36 | \vdash | | \vdash | | \vdash | \vdash | - | | \vdash | | \vdash | 86 | + | + | + | - | \dashv | + | + | + | \dashv | | | 135 | \dashv | _ |
| | 37 | \Box | \neg | \vdash | \vdash | +- | \vdash | | | \neg | | \vdash | 87 | + | \dashv | + | \dashv | + | + | + | + | \dashv | 1 | | 137 | \dashv | |
| | 38 | \Box | \neg | \Box | \vdash | \vdash | \vdash | \vdash | | \neg | | | 88 | + | + | + | + | \dashv | + | \dashv | \dashv | \dashv | 1 | + | 138 | + | _ |
| | 39 | | \neg | | \vdash | \vdash | \vdash | \vdash | \Box | \neg | | \vdash | 89 | + | \dashv | + | \dashv | + | + | + | + | \dashv | 1 | 1 | 139 | \dashv | — |
| | 40 | | | | | \vdash | \vdash | | \Box | \neg | | \vdash | 90 | \top | \top | \top | \exists | + | \forall | \dashv | + | \dashv | Ì | \vdash | 140 | \dashv | |
| | 41 | | | | | | | \Box | \Box | | 1 | \vdash | 91 | \top | 1 | \top | \top | \top | \top | \dashv | \dashv | \exists | 1 | | 141 | + | _ |
| | 42 | | | | | | | | | | | | 92 | \neg | \top | \top | \exists | \top | 十 | 7 | ヿ | ヿ | 1 | | 142 | \dashv | _ |
| | 43 | | | | | | | | | | | | 93 | \top | T | \top | \exists | | \top | \top | _ | \exists | 1 | | 143 | \dashv | _ |
| | 44 | | | | | | | | | | | | 94 | \exists | I | T | \Box | T | \top | \top | \exists | \neg | 1 | | 144 | + | _ |
| | 45 | | | | | | | | \Box | | | | 95 | \top | I | T | \Box | \top | \top | \top | \top | \neg | 1 | | 145 | \top | _ |
| | 46 | | | | | | | | | | | | 96 | \top | I | T | \exists | \exists | \top | \top | \top | \neg | Ì | | 146 | \top | _ |
| | 47 | \Box | لـــَــ | | | \Box' | \Box' | | | | | | 97 | I | \Box | I | \exists | \Box | I | I | \exists | | [| | 147 | \top | _ |
| \Box | 48 | آ | $\overline{\Box}$ | لآ | \Box | \Box' | \Box' | | | \Box | | | 98 | \Box | \Box | I | \Box | \Box | I | I | I | | [| | 148 | T | _ |
| | 49 | ڶ | | \Box | \Box | \Box' | \square' | \Box | \Box | \Box | | | 99 | I | \Box | I | \Box | I | \Box | I | I | | [| | 149 | I | _ |
| | 50 | | - 1 | ,) | () | Γ' | [' | ĒΙ | | _ I | | | 100 | | | \neg | П | П | \neg | \top | Т | П | Γ | | 150 | \neg | _ |

| CI | aim | Т | | | | Dat | e | | | |
|-------------|---|----------|----------|--------------|----------|-----------------|--------------|-----------|----------|----------|
| | | Ī | Γ | | | Т | | | Т | |
| Final | Original | | | | | | | | | |
| | 101 | | П | | | Τ | Γ | Ī | | |
| | 102 | | | П | | Т | | 1 | | П |
| | 101 102 103 | | | | | | | L | | |
| | 104 | ╙ | _ | | | | <u> </u> | L | L | |
| | 105 | L | | _ | ┖ | 丄 | L | L | _ | <u> </u> |
| | 104 105 106 107 | <u> </u> | <u> </u> | ـــــ | ┖ | <u> </u> | ╙ | ╙ | <u> </u> | \sqcup |
| ļ | 107 | ┺ | ⊢ | ↓_ | <u> </u> | ┾ | | ļ | <u> </u> | |
| | 108 | ┢ | ⊢ | 1 | ├- | ╄ | ╄- | ⊢ | ├ | \vdash |
| | 109 | ┝ | ╁ | ┼ | \vdash | +- | ├- | ⊢ | ┥ | - |
| <u> </u> | 110 111 112 | \vdash | \vdash | ╁ | ⊢ | + | ╁ | ⊢ | ╁┈ | \vdash |
| | 112 | \vdash | ┼─ | ├ | ╁─ | \vdash | - | \vdash | ╁ | Н |
| | 113 | ┢ | ╁ | - | \vdash | ╁ | ┢ | ╁╾ | ⊢ | Н |
| | 113 114 115 | ╁╌ | \vdash | † | \vdash | \vdash | \vdash | - | | Н |
| | 115 | \vdash | | ┢ | <u> </u> | \vdash | ┢ | t | ╁╴ | Н |
| | 116 117 118 119 | \vdash | | ✝ | | Т | T | ┢ | † | H |
| | 117 | Τ | | | İ | T | T | Г | | \sqcap |
| | 118 | | | | Г | | ı | | t | \Box |
| | 119 | | | | | | | | | П |
| | 120 | | | | | | | | | |
| | 121 | | | | | | | | | |
| | 122 | | | | | | | | | |
| | 120 121 122 123 124 125 126 | <u> </u> | L | | _ | 上 | _ | L | | Ш |
| | 124 | <u> </u> | _ | _ | <u> </u> | _ | | Ŀ | <u> </u> | Щ |
| <u> </u> | 125 | _ | - | _ | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | H |
| | 126 | ├ | ⊢ | <u> </u> | | ├- | | <u> </u> | L | Ш |
| | 127 | <u> </u> | - | ⊢ | - | ┝ | ⊢ | ⊢ | - | \vdash |
| | 120 | - | - | \vdash | \vdash | - | - | ⊢ | - | Н |
| _ | 127 128 129 130 131 132 | \vdash | ⊢ | - | ├ | \vdash | <u> </u> | - | H | Н |
| | 131 | | H | | ┢ | ┢ | \vdash | - | \vdash | Н |
| | 132 | | - | \vdash | \vdash | \vdash | | | ┪ | Н |
| | 133 | | | | | \vdash | | \vdash | - | Н |
| | 134 | - | | | | | | | | Н |
| | 135 | | | | | | | | | П |
| | 133 134 135 136 137 138 139 | | | | | | | | | |
| | 137 | | | | | | | | | |
| | 138 | | | | | | | | | |
| | 139 | | | Ш | Ĺ., | | | | | |
| | 140 | | | Щ | | | | | | Ц |
| | 141 | Ш | | Щ | | Щ | | \square | | Ш |
| | 142 | \dashv | | Щ | | $\vdash \dashv$ | | _ | | Ш |
| | 143 | | _ | _ | _ | Н | | | | Н |
| \dashv | 144 145 | | \dashv | \dashv | _ | Н | - | | _ | \dashv |
| | 146 | _ | - | - | _ | Н | | | _ | \dashv |
| | 147 | \dashv | \dashv | | _ | $\vdash\dashv$ | \dashv | \dashv | _ | \dashv |
| - | 148 | -+ | \dashv | | - | Н | - | \dashv | _ | \dashv |
| | 149 | \dashv | | \dashv | _ | \vdash | \dashv | \dashv | | \dashv |
| \dashv | 150 | 一 | \neg | \dashv | | \vdash | \dashv | \neg | \dashv | \dashv |
| | | | | | _ | Щ. | | | | |